PTO/SB/08a (05-03) Approved for use through 04/30/2003, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/627,857	· ·		
Filing Date	July 25, 2003			
First Named Inventor	Marshall W. Wosik			
Art Unit	To be assigned			
Examiner Name	To be assigned	•		
Attorney Docket Number	PIP.00001-DVA			

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f krown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JIP		<sup>US-</sup> 115,917	06/1871	Wharton	
		<sup>US-</sup> 322,286	07/1885	Hemje	
		<sup>US-</sup> 494,801	04/1893	Weber	
		US- 820,437	05/1906	Pehrson	
		<sup>US-</sup> 959,960	05/1910	Oleson	
		<sup>US-</sup> 1,191,503	07/1916	Ford	
		<sup>US-</sup> 1,301,245	04/1919	Fox	
		US- 1,563,836	11/1925	Сорр	
		<sup>US-</sup> 1,800,753	04/1931	Replogle	
		<sup>US-</sup> 1,936,552	11/1933	Goss	
		<sup>US-</sup> 2,025,382	12/1935	Fletcher et al.	
		<sup>US-</sup> 2,284,216	05/1942	Kunkel	
		<sup>US-</sup> 2,381,829	08/1945	Livers	
		<sup>US-</sup> 2,453,813	11/1948	Prince	
		US- 2,458,817	01/1949	Wolfram	
		<sup>US-</sup> 2,560,263	07/1951	Wiegand et al.	
		<sup>US-</sup> 2,730,380	01/1956	Espy et al.	
		<sup>US-</sup> 2,775,471	12/1956	Douglass	
V		<sup>US-</sup> 2,926,027	02/1960	Marquis	

		FORE	IGN PATENT DOCU	MENTS		7
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
	-	GB-9171	07/1885			
JH		GB 204,900	11/1923			$\vdash$
111		FR 1,086,073	02/1955			$\vdash$
		CA 622965—————	09/1961—			$\vdash$
JIB		DE 4207958	08/1993			

Date 3/15/04 Signature Considered

\*EXAMINER: Initial if /riference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

Translation is ettached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 2

TENT & FRAN

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

C mpl te if Known					
Application Number	10/627,857				
Filing Date	July 25, 2003				
First Named Inventor	Marshall W. Wosik				
Art Unit	To be assigned				
Examiner Name	To be assigned				
Attorney Docket Number	PIP.00001-DVA				

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials* No.1		Number-Kind Code <sup>2</sup> (7 Innown)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
					Figures Appear
111		<sup>US-</sup> 2,946,606	07/1960	Smith	·
1		<sup>US-</sup> 3,058,761	10/1962	Christophersen	
		<sup>US-</sup> 3,163,450	12/1964	H. E. Eirhart, Jr.	
		<sup>US-</sup> 3,258,279	06/1966	Johnsen	
		US- 3,273,917	09/1966	Chakroff	
		<sup>US-</sup> 3,395,925	08/1968	Dreiding	
		<sup>US-</sup> 3,468,566	09/1969	Nietzel	
i		US- 3,537,731	11/1970	Reddy	
		<sup>US-</sup> 3,615,109	10/1971	Brinda et al.	
		<sup>US-</sup> 3,695,642	10/1972	Dewoody	
		US- 3,847,421	11/1974	Eschbaugh et al.	
		<sup>US-</sup> 3,940,843	03/1976	Yeager	
		<sup>US-</sup> 3,984,133	10/1976	Bird	
		US- 3,997,193	12/1976	Tsuda et al.	
		US-4,135,742	01/1979	Anderson	
		US- 4,458,926	07/1984	Williamson	
		US-4,934,742	06/1990	Williamson	
		US- 5,060,988	10/1991	Williamson	
	1	<sup>US-</sup> 5,076,616	12/1991	Williamson	

		FOREIC	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	\$
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	-'-
						⊢
	ļ					$\vdash$
	├		<del>-  </del>			
<b></b>						
<u> </u>	<del>                                     </del>					

Examiner	1 h h	Date	4
	(1, 11/1/14)	Canaldored	1 24015
Signature	James M. Veritt	Considered	1 3115764
Org. C.C.O	900000	l	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 3

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

Complete If Known					
Application Number	10/627,857				
Filing Date	July 25, 2003				
First Named Inventor	Marshall W. Wosik				
Art Unit	To be assigned				
Examiner Name	To be assigned				
Attorney Docket Number	PIP 00001				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JIF		<sup>US-</sup> 5,115,550	06/1992	Williamson	
		<sup>US-</sup> 5,197,769	03/1993	Williamson	
		<sup>US-</sup> 5,358,168	10/1994	Williamson	
		<sup>US-</sup> 5,439,257	08/1995	Williamson	
		<sup>US-</sup> 5,516,156	05/1996	Williamson	
		<sup>US-</sup> 5,516,157	05/1996	Williamson	
		<sup>US-</sup> 5,533,764	07/1996	Williamson	
		<sup>US-</sup> 5,533,765	07/1996	Williamson et al.	
		<sup>US-</sup> 3,124,502	08/18/1958	Radke	
		<sup>US-</sup> 4,648,627	03/10/1987	Reimert	
•		<sup>US-</sup> 5,895,079	04/1999	Carstensen et al.	
		US-			

FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	7	
	ļ					L	
						L	
						L	
	ł					Г	

Examiner Signature	Q m h	Date Considered	3115104

\*EXAMINEE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.